

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L12   | 8    | 11 and interpolat\$  | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2006/08/04 19:12 |
| L11   | 9    | (US-20050278156-\$ or<br>US-20050057569-\$ or<br>US-20030160791-\$ or<br>US-20020041285-\$ or<br>US-20040095352-\$).did. or<br>(US-7068277-\$ or US-6163322-\$<br>or US-6738062-\$ or<br>US-4092493-\$).did. | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2006/08/04 19:12 |
| S34   | 178  | (input with (speech or speak))<br>same disabled  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 18:38 |
| L10   | 40   | "345"/\$.ccls. and (iterat\$ near3<br>close\$ near3 point)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 18:38 |
| L8    | 6    | "345"/\$.ccls. and ((lock or<br>immobil\$) with (jaw or mouth))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 18:36 |
| L7    | 3    | "345"/\$.ccls. and ((lock or<br>immobil\$) with jaw)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 18:36 |
| L5    | 1    | "345"/\$.ccls. and animat\$ and<br>((lock or immobil\$) with jaw)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/04 18:35 |
| S33   | 303  | (input with (speech or speak))<br>same disable\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/02 19:27 |
| S32   | 7    | S31 and interpolat\$   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2006/08/02 15:18 |

## EAST Search History

|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S31 | 8 | (US-20050278156-\$ or<br>US-20050057569-\$ or<br>US-20030160791-\$ or<br>US-20020041285-\$ or<br>US-20040095352-\$).did. or<br>(US-7068277-\$ or US-6163322-\$<br>or US-6738062-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2006/08/02 15:18 |
| S30 | 0 | (speech near3 graphics).as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/31 20:07 |
| S29 | 2 | ("20020041285"   "6163322").PN.<br>OR ("7068277").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/07/31 20:06 |
| S28 | 6 | (face or facial) same vector same<br>muscle same (vertex or vertices)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/30 14:40 |
| S4  | 1 | S3 and (animat\$ with (head or<br>face or facial))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/30 14:40 |
| S27 | 2 | ("20030160791").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/30 14:39 |
| S26 | 2 | ("6163322").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/30 14:38 |
| S25 | 2 | ("20020041285").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/30 14:36 |
| S22 | 3 | ((face or facial) and (vector or<br>normal) and ((control adj2 point)<br>or (vertex or vertices)) and<br>muscle).clm.  | US-PGPUB  | OR | ON  | 2006/07/30 14:35 |
| S24 | 1 | ((face or facial) and (vector or<br>normal) and ((control adj2 point)<br>or (vertex or vertices)) and muscle<br>and contract\$.clm.  | US-PGPUB  | OR | ON  | 2006/07/30 14:21 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S23 | 1   | ((face or facial) and (vector or normal) and ((control adj2 point) or (vertex or vertices)) and muscle and displac\$).clm.                         | US-PGPUB  | OR | ON | 2006/07/30 14:20 |
| S20 | 180 | vector and ((control adj2 point) or (vertex or vertices)) and (muscle with contract\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/30 14:17 |
| S21 | 15  | S20 and (displace\$4 near3 (map\$4 or field or vector))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 14:24 |
| S19 | 1   | vector same ((control adj2 point) or (vertex or vertices)) same (muscle with contract\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 14:23 |
| S18 | 1   | ((displace\$4 adj2 (map\$4 or field or vector)) same vector same ((control adj2 point) or (vertex or vertices)) same muscle)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 14:23 |
| S17 | 1   | ((displace\$4 near3 (map\$4 or field or vector)) same vector same ((control adj2 point) or (vertex or vertices)) same (muscle with contract\$))    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 14:23 |
| S6  | 2   | (face or facial or head) and ((displace\$4 adj2 (map\$4 or field)) same vector same (control adj2 point) same (intensit\$3 or strength or degree)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 14:21 |
| S16 | 9   | S15 and displac\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 11:42 |
| S15 | 41  | ((vertex or vertices) with point with (fix\$2 or static) with mov\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 11:42 |
| S14 | 0   | displace\$ same ((vertex or vertices) with point with (fix\$2 or static) with mov\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 11:42 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S13 | 0     | displace\$ same ((vertex or vertices) with endpoint with fix\$2 with mov\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 11:41 |
| S12 | 0     | (vertex or vertices) with endpoint with fix\$2 with mov\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/28 11:41 |
| S11 | 1     | S9 and displacement and (control adj2 point)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/07/26 14:47 |
| S10 | 0     | S9 and displacement and (control adj2 point) and intensit\$   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/07/26 14:47 |
| S9  | 3     | ("6046744"   "6108006").PN. OR ("6738062").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/07/26 14:47 |
| S8  | 5     | (face or facial or head) and ((displace\$4 adj2 (map\$4 or field)) same vector same (control adj2 point))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:52 |
| S7  | 2     | (animat\$3 same (face or facial or head)) and ((displace\$4 adj2 (map\$4 or field)) same vector same (control adj2 point) same (intensit\$3 or strength or degree)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:51 |
| S1  | 2     | (animat\$3 same (face or facial)) and ((displace\$4 adj2 (map\$4 or field)) same vector same (control adj2 point) same (intensit\$3 or strength or degree))         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:51 |
| S5  | 11    | S3 and (head or face or facial)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:50 |
| S3  | 136   | berger-michael\$.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:49 |
| S2  | 75461 | "345"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/26 10:47 |